

MOUSE CASING WITH LIQUID ORNAMENT

BACKGROUND OF THE INVENTION

5 The present invention relates to a mouse casing with liquid ornament, and more particularly to a mouse casing having a liquid ornament associated therewith without adverse change in its integral appearance and adverse influence on the functions of a mouse.

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The rapidly developed technology has largely changed the whole economic environment and people's living style. People obviously demand higher quality of products being used in their daily life. To satisfy most consumers, 15 manufacturers must make every effort to produce novel articles that not only provide some intended functions but also create additional values to attract consumers. An example of such article is the mouse for controlling input of a computer. That is, a mouse with additional 20 functions other than controlling input of a computer would attract more users and therefore become more practical for use.

SUMMARY OF THE INVENTION

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It is a primary object of the present invention to provide a mouse casing with a liquid ornament to give the mouse added value.

30 Another object of the present invention is to provide a

mouse casing with a liquid ornament so that the mouse could be used as a desktop ornament even the mouse is failed and could no longer provide its intended functions of controlling input of a computer.

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To achieve the above and other objects, the mouse casing of the present invention mainly includes a lower case, an upper case, and a liquid ornament. The liquid ornament is configured and sized to match with a hollow space generally defined in the mouse casing below a rear portion of the upper case, at where no functional part or component of the mouse is mounted, so that the liquid ornament could be received in the rear hollow space of the mouse casing to associate with the upper case without changing an integral appearance of the mouse casing or adversely affecting the functions designed for a mouse. The mouse can therefore serve as an ornament at the same time.

BRIEF DESCRIPTION OF THE DRAWINGS

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The structure and the technical means adopted by the present invention to achieve the above and other objects can be best understood by referring to the following detailed description of the preferred embodiments and the accompanying drawings, wherein

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Fig. 1 is an exploded perspective of a mouse casing with liquid ornament according to a first embodiment of the present invention;

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Fig. 2 is an assembled perspective of the mouse casing of Fig. 1:

Fig. 3 is a partially sectional view of the mouse casing
5 of Fig. 2:

Figs. 4 and 5 show another two embodiments of the present invention in which the liquid ornaments are located at different positions on the mouse casing;

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Fig. 6 is an exploded perspective of a further embodiment of the present invention, in which a liquid ornament is located in a clear mouse casing below a rear portion of an upper case thereof; and

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Fig. 7 is an assembled perspective of Fig. 6.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

20 Please refer to Figs. 1 and 2 that are exploded and assembled perspective views, respectively, of a mouse casing with liquid ornament according to a first embodiment of the present invention. As shown, the mouse casing mainly includes a lower case 1, an upper case 2,
25 and a liquid ornament 3.

As it is known that a rear portion of a common mouse casing at where a user usually contacts the mouse for moving the same actually defines a rear hollow space therein. Since
30 there is not any functional part or component of the mouse

mounted in this rear hollow space, it is convenient to use the space to create additional functions and value for the mouse by, for example, mounting some decorative thing, for example, the liquid ornament 3, in the rear
5 hollow space without adversely affecting the intended usage and functions of the mouse.

In the embodiment of Figs. 1 and 2, the lower and the upper cases 1, 2 of the mouse casing are made of an opaque
10 material. In this case, the upper case 2 is shortened by cutting off the rear portion thereof that is usually held by a user. The liquid ornament 3 is so designed that it has configuration and dimensions suitable for associating with the shortened upper case 2 of the mouse
15 casing in any appropriate manner for the mouse casing to maintain an integral and smooth appearance. In the embodiment of Fig. 1, the shortened upper case 2 is provided along a rear end thereof with an internally stepped edge 21, and the liquid ornament 3 is provided
20 along a front end thereof with an externally stepped edge 31 corresponding to the internally stepped edge 21 of the upper case 2, so that the stepped edge 31 could be detachably engaged with the stepped edge 21 in a tight fit manner to firmly connect the liquid ornament 3 to the
25 rear end of the shortened upper case 2 of the mouse casing, as shown in Figs. 2 and 3. Alternatively, the liquid ornament 3 could be associated with the mouse casing by applying a suitable adhesive over the rear end of the shortened upper case 2 and the front end of the liquid
30 ornament 3 to glue the liquid ornament 3 to the upper case

2. It is understood that there are still many other suitable ways for connecting the liquid ornament 3 to the upper case 2 without departing from the spirit of the invention.

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It is appreciated that the liquid ornament 3 is not necessarily occupying a whole rear portion of the mouse casing. In Figs. 4 and 5, another two embodiments of the present invention are shown, in which the liquid ornaments
10 3 have reduced dimensions compared with that in the embodiment of Fig. 1 and could therefore be mounted to different positions within the rear portion of the mouse casing to create more changes in the appearance of the mouse casing without adversely affecting the use and the
15 functions of the mouse.

Figs. 6 and 7 illustrate a further embodiment of the present invention. In this embodiment, the lower and the upper case 1, 2 of the mouse casing are made of a transparent material. In this case, the upper case 2 is
20 not necessarily to be shortened by cutting off a rear portion thereof. Instead, the upper case 2 may keep its complete configuration as usually designed for it and the liquid ornament 3 of a suitable shape and dimensions is
25 directly mounted in the rear hollow space in the mouse casing by any suitable means, such as by gluing it to an upper surface of the lower case 1, so that the liquid ornament 3 could be directly seen from outside of the upper case 2.